



Chemical Engineering

Fall 2024 Seminars

Friday, September 6, 2024
3:00pm, 66-110

Leila Deravi, Northeastern University
Adaptive Materials Inspired by Cephalopods:
From Molecules to Machines

Friday, September 13, 2024
3:00pm, 66-110

Charles L. Cooney Lecture
Jordi Mata-Fink PhD '12
Co-founder and CEO Gate Bioscience
Lessons from ChemE for a Career in Biotech

Friday, September 20, 2024
3:00pm, 66-110

Ben Hackel, University of Minnesota
Engineering Complex Protein Function

Friday, October 4, 2024
3:00pm, 66-110

William Tarpeh, Stanford University
Electrochemical Wastewater Refining: Using Reactive
Separations to Control Microenvironments and
Valorize Pollutants

Friday, October 11, 2024
3:00pm, 66-110

Daniel I C Wang Lecture
Michelle C. Chang PhD '04, Princeton University
Biocatalytic Approaches to New Chemistry

Friday, October 25, 2024
3:00pm, 66-110

Zhongyue Yang, Vanderbilt University
Mutexa: A Computational Ecosystem for Protein
Engineering

Friday, November 8, 2024
3:00pm, 66-110

Hoyt C Hottel Lecture
Jefferson W Tester PhD '71, Cornell University
Realizing the Potential of Geothermal District Heating
for Decarbonizing Energy: How Advances in Subsurface
Science and Engineering are Changing the Game

Friday, November 15, 2024
3:00pm, 66-110

Carl Laird, Carnegie Mellon University
Addressing Global Challenges at the Interface of
Large-scale Optimization, HPC, and Machine Learning

Friday, November 22, 2024
3:00pm, 66-110

Michele L. Sarazen, Princeton University
Designing Microporous Catalysts to Overcome
Material and Reaction Limitations

Friday, December 6, 2024
3:00pm, 66-110

Joelle Frechette, University of California Berkeley
Surface forces Insights Into Underwater Adhesion and
Electrical Double Layer in Concentrated Electrolytes